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DISCLOSED

Rev 09/03

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

2005 FEB 16 PM 3:05

In re application : Jerome P. Fanucci et al.
Application No. : 10/662,803
Filed : September 15, 2003
Confirmation No. : 9497
For : LATTICE FIN FOR MISSILES OR OTHER FLUID-
BORN BODIES AND METHOD FOR PRODUCING SAME
Examiner : John C. Hong
Attorney's Docket : KAZAK-012AX

TC Art Unit: 3726

I hereby certify that this correspondence is being deposited with
the United States Postal Service as first class mail in an
envelope addressed to: Commissioner for Patents, P.O. Box 1450,
Alexandria, VA 22313-1450 on February 10, 2005.

By: Beverly E. Hjorth
Beverly E. Hjorth
Registration No. 32,033
Attorney for Applicant(s)

REQUEST FOR REFUND

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicant, having paid \$1,000.00 for 5 additional claims in
the amendment filed February 1, '2005, hereby requests a refund of
\$200.00 for 1 additional claim previously paid for in this
application on September 15, 2003 (copies attached).

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Application No.: 10/662,803

Filed: September 15, 2003

TC Art Unit: 3726

Confirmation No.: 9497

Kindly credit the amount to our Patent and Trademark Office
Deposit Account No. 23-0804. Triplicate copies of this
transmittal letter are enclosed.

Respectfully submitted,

JEROME P. FANUCCI ET AL.

By: Beverly E. Hjorth
Beverly E. Hjorth
Registration No. 32,033
Attorney for Applicant(s)

WEINGARTEN, SCHURGIN,
GAGNEBIN & LEOVICI LLP

Ten Post Office Square
Boston, Massachusetts 02109
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Telecopier: (617) 451-0313

BEH/dkh/317322
Enclosures

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PATENT



06/04

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re application : Jerome P. Fanucci et al.
Application No. : 10/662,803
Filed : September 15, 2003
Confirmation No. : 9497
For : LATTICE FIN FOR MISSILES OR OTHER FLUID-
BORN BODIES AND METHOD FOR PRODUCING SAME
Examiner : John C. Hong
Attorney's Docket : KAZAK-012AX

TC Art Unit: 3726

I hereby certify that this correspondence is being deposited with the
United States Postal Service as first class mail in an envelope
addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box
1450, Alexandria, VA 22313-1450 on February 1, 2005.

03/28/2005 SDIRETA1 00000013 10662803

01 FC:2201 300.00 OP
Repln. Ref: 03/28/2005 SDIRETA1 0009465300
DAH:230804 Name/Number:10662803
FC: 9204 \$200.00 CR

By: Beverly E. Hjorth
Beverly E. Hjorth
Registration No. 32,033
Attorney for Applicants

AMENDMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action dated November 1, 2004,
please amend the above-identified patent application as follows.

02/07/2005 RFEKADU1 00000018 10662803

01 FC:2202 75.00 OP
02 FC:2201 500.00 OP
03 FC:2203 180.00 OP

WEINGARTEN, SCHURGIN,
GAGNEBIN & LEOVICI LLP
TEL. (617) 542-2290
FAX. (617) 451-0313

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Rev 12/04

COPY

Application No.: 10/662,803
Filed: September 15, 2003
TC Art Unit: 3726
Confirmation No.: 9497

WEINGARTEN, SCHURGIN, GAGNEBIN & LEOVICI LLP
Ten Post Office Square
Boston, Massachusetts 02109
Telephone: (617) 542-2290
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Mail Stop Amendment
COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, VA 22313-1450

Date: February 1, 2005

Attorney
Docket No.: KAZAK-012AX

Sir:

In re application of: Jerome P. Fanucci et al.

Entitled: LATTICE FIN FOR MISILES OR OTHER FLUID-BORN BODIES
AND METHODS FOR PRODUCING SAME

Transmitted herewith is an **amendment** in the above-identified application. The following checked items are applicable:

- ☐ This is a Request for Continued Examination under §1.114; a check in the amount of _____ is enclosed per §1.17(e).
☐ Enter the unentered amendment previously filed on _____ per §1.116.
- ☐ A Petition for Extension of Time for __ month(s) is hereby made under §1.136(a); a check in the amount of \$ _____ is enclosed for the cost of such extension per §1.17.
- ☒ In the event a Petition for Extension of Time is required by this paper and not otherwise provided, such Petition is hereby made and authorization is provided herewith to charge Deposit Account No. 23-0804 for the cost of such extension.
- ☒ Other: Information Disclosure Statement with 5 cited references

CLAIMS AFTER AMENDMENT:	MINUS PRIOR PAID CLAIMS:	EQUALS PRESENT EXTRA CLAIMS:	RATE:	ADDITIONAL FEE:
Independent	8 - 3	= 5	x \$200.00 =	\$1,000.00
Total	57 - 54	= 3	x \$ 50.00 =	150.00
<input type="checkbox"/> Multiple Dependent Claims (1st presentation)			+ \$360.00 =	360.00
SUBTOTAL ADDITIONAL FEE				1,510.00
Small Entity filing, divide by 2. Small Entity status must be asserted.				755.00
TOTAL ADDITIONAL FEE				\$755.00

- ☐ No additional fee. ☒ The fee has been calculated above; a check in the amount of \$755.00 is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of any additional filing fees under §1.16 associated with this communication or credit any overpayment to Deposit Account No. 23-0804.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on February 1, 2005

SUBMIT IN TRIPLICATE
BEH/dkh/316806

Beverly E. Hjorth
Attorney of Record: Beverly E. Hjorth
Registration No. 32,033

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Rev 09/03

Sheet 1 of 4

TRANSMITTAL FORM FOR FILING PATENT APPLICATION

Attorney Docket No.: KAZAK-012AX

WEINGARTEN, SCHURGIN, GAGNEBIN & LEOVICI LLP
Ten Post Office Square
Boston, Massachusetts 02109
Telephone: (617) 542-2290
Telecopier: (617) 451-0313

COPY

Express Mail No: EV044749747US

Date: September 15, 2003

MAIL STOP PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

First Named Inventor or Application
Identifier: Jerome P. Fanucci et al.

Sir:

Transmitted herewith under 37 CFR § 1.53 for filing is the patent application of:

Inventor: Jerome P. Fanucci, Michael J. King and James J. Gorman.

Entitled: LATTICE FIN FOR MISSILES OR OTHER FLUID-BORN BODIES AND METHOD FOR
PRODUCING SAME

☒ This is a request for filing a ☐ continuation ☒ divisional
☐ continuation in-part application under §1.53(b) of prior Application
No. 10/313,222, filed December 6, 2002, entitled: LATTICE FIN FOR MISSILES
OR OTHER FLUID-BORN BODIES AND METHOD FOR PRODUCING SAME

Enclosed are:

☒ 30 pages of written description, claims and Abstract, inclusive

☒ 8 sheets of ☐ informal ☒ formal drawings of Figs. 1 - 17 (one set)

☒ Oath or Declaration

☐ Newly executed (original or copy)

☒ Copy from prior application (37 CFR 1.63(d)) (for
continuation/divisional). The entire disclosure of the prior
application, from which a copy of the oath or declaration is supplied,
is considered as being part of the disclosure of the accompanying
application and is hereby incorporated by reference therein.

☐ To be filed later

☐ Cover sheet and Assignment of the invention to:
including a check in the amount of \$_____ for recordation fee.

☐ Certified copy of a _____ application (if foreign
priority is claimed) with letter claiming priority under Rule 55.

☒ Information Disclosure Statement with 1 citations

☐ Preliminary amendment is enclosed.

☒ Return receipt postcard

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Sheet 2 of 4

Attorney Docket No.: KAZAK-012AX

TRANSMITTAL FORM FOR FILING PATENT APPLICATION (CONTINUED)

☒ Small entity status is entitled to be, and hereby is, asserted for this application.

☒ Priority is claimed under 35 USC § 120 as indicated on the attached sheet 4.

☐ Priority is claimed under 35 USC §119(a)-(d) as indicated on the attached sheet 4.

☒ Priority is claimed under 35 USC §119 (e) as indicated on the attached sheet 4.

☐ _____ is hereby appointed Associate Attorney by:
Registration No.:

Attorney of Record:
Registration No.:

☐ Power of Attorney in the originally-filed application has been granted to one or more of the registered attorneys listed below. The attorneys listed below not previously granted power in the originally-filed application, as well as _____, are hereby given associate power:
Registration No.:

Stanley M. Schurgin, Reg. No. 20,979
Charles L. Gagnebin III, Reg. No. 25,467
Victor B. Lebovici, Reg. No. 30,864
Beverly B. Hjorth, Reg. No. 32,033

Holliday C. Heine, Reg. No. 34,346
Gordon R. Moriarty, Reg. No. 38,973
James F. Thompson, Reg. No. 36,699

☐ Cancel in this application original claims _____ of the prior application before calculating the filing fee.

☐ Add in this application claims _____ per amendment before calculating fee.

CLAIMS FILED:	MINUS BASE:	EXTRA CLAIMS:	RATE:	BASIC FEE:
				\$750.00
Independent	4 - 3	= 1	x \$84.00 =	\$84.00
Total	54 - 20	= 34	x \$18.00 =	\$612.00
<input type="checkbox"/> Multiple Dependent Claims (1st presentation)			+ \$280.00 =	-
SUBTOTAL FILING FEE				\$1446.00
Small Entity filing, divide by 2. (Small Entity status must be asserted.)				\$723.00
TOTAL FILING FEE				\$723.00

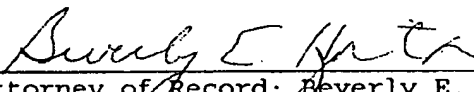
Attorney Docket No.: KAZAK-012AX

TRANSMITTAL FOR FILING PATENT APPLICATION (CONTINUED)

- [X] The filing fee has been calculated above; a check in the amount of \$723.00 is enclosed.
- [] The filing fee will be submitted at a later date.
- [X] In the event a Petition for Extension of Time under 37 CFR §1.17 is required by this paper and not otherwise provided, such Petition is hereby made and authorization is provided herewith to charge Deposit Account No. 23-0804 for the cost of such extension.
- [X] The Commissioner is hereby authorized to charge payment of any additional filing fees under 37 CFR §1.16 associated with this communication or credit any overpayment to Deposit Account No. 23-0804.

[X] Customer Number 207

which is associated with the Law Firm of:
WEINGARTEN, SCHURGIN, GAGNEBIN & LEBOVICI LLP
Ten Post Office Square
Boston, Massachusetts 02109
United States
Telephone: (617) 542-2290 Fax: (617) 451-0313



Attorney of Record: Beverly E. Hjorth
Registration No. 32,033

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Sheet 4 of 4

Attorney Docket No.: KAZAK-012AX

TRANSMITTAL FOR FILING PATENT APPLICATION (CONTINUED)

[X] Priority is claimed under 35 USC § 120 of prior Application(s)
No. 10/313,222 filed December 6, 2002, entitled: LATTICE FIN FOR MISSILES
OR OTHER FLUID-BORN BODIES AND METHOD FOR PRODUCING SAME

[X] The above-identified application(s) is/are assigned of record to:
KaZak Composites, Incorporated

[] Priority is claimed under 35 USC § 119 (a)-(d) of the following
application(s).

<u> </u> (Application Number)	<u> </u> (Country)	<u> </u> (Filing Date)
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<u> </u> (Application Number)	<u> </u> (Country)	<u> </u> (Filing Date)
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<u> </u> (Application Number)	<u> </u> (Country)	<u> </u> (Filing Date)
---	--	--

[] The above-identified application(s) is/are assigned of record to:

[X] Priority is claimed under 35 USC § 119 (e) of the following provisional
application(s).

<u>60/337,318</u> (Application Number)	<u>December 6, 2001</u> (Filing Date)
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<u>60/422,012</u> (Application Number)	<u>October 29, 2002</u> (Filing Date)
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<u> </u> (Application Number)	<u> </u> (Filing Date)
---	--

[X] The above-identified provisional application(s) is/are assigned
of record to: KaZak Composites, Incorporated

SUBMIT IN TRIPLICATE

BEH/knr/295921-1